

ILLINOIS WEATHER & CROPS



**ILLINOIS
AGRICULTURAL
STATISTICS SERVICE**

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U.S. DEPARTMENT OF AGRICULTURE
ILLINOIS DEPARTMENT OF AGRICULTURE

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CROPS

Soil moisture and crop conditions improved in the Southern half of the State last week, as much-needed rainfall was received. Excess moisture in the East District is stunting crops in low areas that are already behind normal. Ideal pollination conditions for the corn crop have existed the past few weeks with over half of the crop already tasseled. Seed companies have begun detasseling seed corn. Last week farmers made good progress on oat harvest, were finishing row crop cultivation, mowing set-aside acreage and roadsides, and baling hay. For the week of July 21-27, there was an average of four and one-half days suitable for fieldwork.

Condition of the **CORN** crop on July 27 was reported as 12% excellent, 76% good, 11% fair and 1% poor. Sixty-eight percent of the crop had silked (tasseled) by July 29, compared to 92% last year and the five-year average (1984-88) of 96%. Eleven percent was in the dough stage, compared to 26% last year and the average of 44%.

Condition of the **SOYBEAN** crop on July 27 was 4% excellent, 59% good, 36% fair and 1% poor. By July 29, 57% of the soybeans were blooming, compared to 85% last year and the average of 90%. Seventeen percent of the crop was setting pods, compared to 48% last year and the average of 57%.

OAT condition, as of July 27, was reported as 6% excellent, 66% good, 27% fair and 1% poor. By July 29, 97% was turning yellow compared to complete for both last year and the average. Eighty percent of the crop was ripe, compared to 98% last year and the average of 99%. Forty-nine percent of the crop had been harvested by July 29, compared to 83% last year and the average of 88%.

Condition of the **SORGHUM** crop on July 27 was 7% excellent, 47% good and 46% fair. By July 29, 8% of the crop was heading compared to 48% last year.

ALFALFA HAY condition, as of July 27, was reported as 17% excellent, 71% good, 11% fair, and 1% poor. Cutting of the second crop was 77% complete compared to 97% last year and the average of 93%.

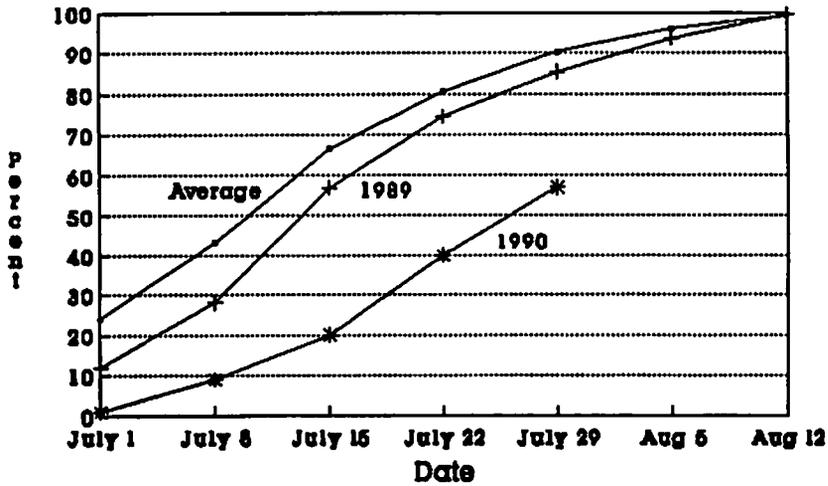
PASTURE condition, as of July 27, was reported as 24% excellent, 66% good, 8% fair and 2% poor.

SOIL MOISTURE, as of July 27, was reported as 7% short, 75% adequate and 18% surplus.

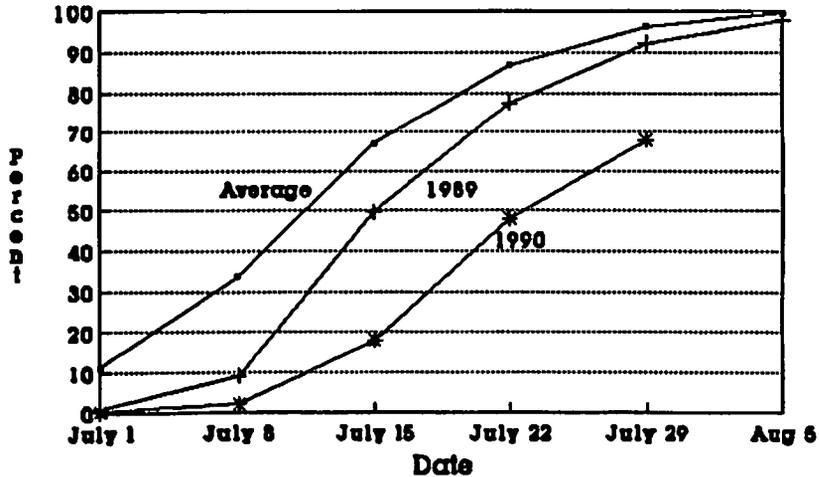
ILLINOIS DISTRICT SUMMARY

District	Soybean % Blooming	Corn % Silked	Days Suitable For Fieldwork	Soil Moisture Percent		
				Short	Adq.	Surplus
	As of July 29		As of July 27			
Northwest	65	75	5.5	0	70	30
Northeast	70	65	5.0	0	90	10
West	45	70	5.0	0	75	25
Central	85	90	3.5	0	70	30
East	85	90	2.5	0	50	50
W Southwest	55	70	5.0	0	100	0
E Southeast	30	40	4.0	15	65	20
Southwest	40	40	4.5	35	65	0
southeast	7	10	4.0	15	85	0
State	57	68	4.5	7	75	18
5-Year Avg.	90	96				

**Soybeans - Acreage Blooming
Illinois**



**Corn - Acreage Silked (Tasseled)
Illinois**



WEATHER

STRONG HIGH PRESSURE BROUGHT DRY AND SEASONABLY MILD WEATHER TO ILLINOIS EARLY IN THE PERIOD. AS THE HIGH PRESSURE MOVED FURTHER EASTWARD WINDS TURNED MORE SOUTHERLY AND THE ATMOSPHERE BECAME MORE HOT AND HUMID. THE HEAT AND HUMIDITY AND THE ENTRANCE OF A COLD FRONT INTO THE STATE DURING THE WEEKEND CULMINATED IN THE FORMATION OF SOME STRONG STORMS WHICH SOAKED SCATTERED PORTIONS.

TEMPERATURES AVERAGED NEAR TO SLIGHTLY BELOW NORMAL. AVERAGE HIGHS RANGED FROM THE LOW 80'S TO NEAR 90 SOUTH WHILE NIGHTTIME LOWS AVERAGED IN THE LOW TO MID 60'S. MEAN READINGS WERE 1 TO 3 DEGREES BELOW NORMAL IN THE SOUTH.

GROWING DEGREE DAY ACCUMULATIONS RANGED FROM 160 NORTH TO 190 SOUTH. TOTALS FROM MAY 1 VARY FROM 1425 FAR NORTH TO 2100 SOUTH. THESE TOTALS ARE FROM -50 TO -200 GDD SHORT OF NORMAL.

LESS THAN 1/2 INCH FELL AT MOST LOCALES WITH ONLY 3 STATIONS NOTING MORE THAN 1 INCH. EXCEPT FOR THE AREAS WHICH RECEIVED MORE THAN 1 INCH RAINFALL WAS ABOUT 1/2 INCH BELOW NORMAL.

Week ending 8 A.M. Monday, July 30, 1990

Location	Temperatures			Precipitation			Growing Degree Days(50F)		
	: Maxi- : mm	: Mini- : mm	: Deapar- : ture	: Curr- : week	: Since : May 1	: Departure : since	: Curr- : week	: Since : May 1	: Departure : since
ELIZABETH	82	61	0	0.60	15.12	2.77	158	1427	-138
ROCKFORD	82	65	0	0.68	19.22	6.48	171	1574	4
CHICAGO	83	66	1	0.11	13.64	2.81	178	1578	27
CHI BOTANICAL	82	63	-2	0.24	15.92	4.57	164	1389	-308
ELWOOD	82	61	-1	0.22	16.96	4.92	160	1576	-17
WATSEKA	84	61	0	0.05	18.56	5.41	165	1558	-156
PERU	83	64	-1	0.63	21.52	9.72	170	1589	-182
MOLINE	84	66	0	0.33	20.80	7.58	182	1699	-36
PEORIA	82	66	0	2.01	23.06	11.48	173	1658	-92
KILBOURNE	85	65	0	0.44	24.64	12.59	177	1738	-113
MONMOUTH	82	64	-1	0.91	20.38	8.40	165	1608	-173
QUINCY	85	66	0	0.28	17.21	4.66	180	1765	-92
PERRY	84	63	-2	0.00	17.59	5.79	167	1712	-187
SPRINGFIELD	85	67	0	0.92	23.93	13.40	185	1835	-57
URBANA	84	64	0	0.68	16.56	4.82	173	1720	-80
WINDSOR	85	63	-1	0.00	15.33	2.90	171	1764	-128
TERRE HAUTE	85	63	-1	1.63	18.22	5.96	169	1763	-49
ST LOUIS	88	72	NA	0.00	15.08	NA	206	2104	NA
BELLEVILLE	87	64	-1	0.12	11.51	0.41	178	1903	-62
BROWNSTOWN	85	62	-2	0.11	16.85	4.46	169	1734	-169
IUKA	86	61	-3	0.27	18.99	7.52	167	1736	-239
LAWRENCEVILLE	89	64	NA	0.35	21.25	NA	177	1753	NA
VINCENNES	87	63	-1	0.37	22.91	10.42	173	1787	-126
DIXON SPRINGS	89	64	-2	1.96	16.37	4.29	180	1977	-97
PADUCAH	90	65	-1	0.00	13.47	0.88	181	2046	-42
OLIVE BRANCH	87	63	-2	0.00	11.06	-1.66	172	2014	-20
CARBONDALE	87	63	-2	0.41	12.72	0.59	173	1911	-85
C GIRARDEAU	88	67	NA	0.00	12.53	NA	189	2116	NA

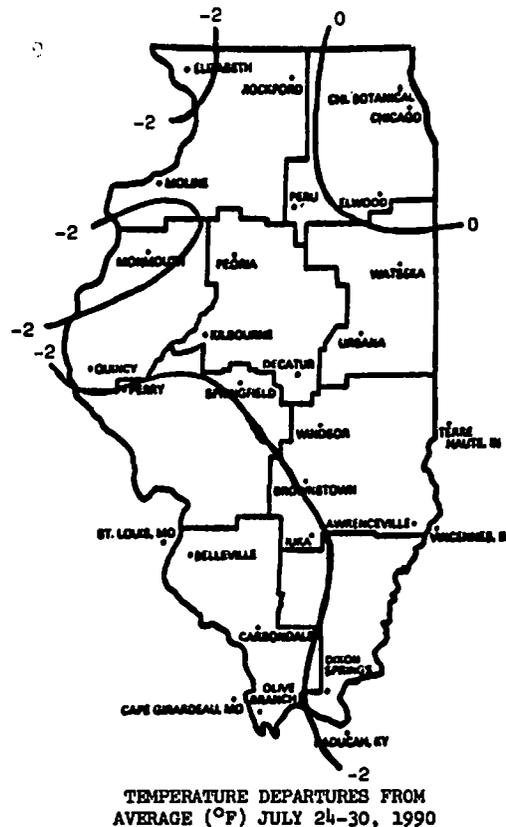
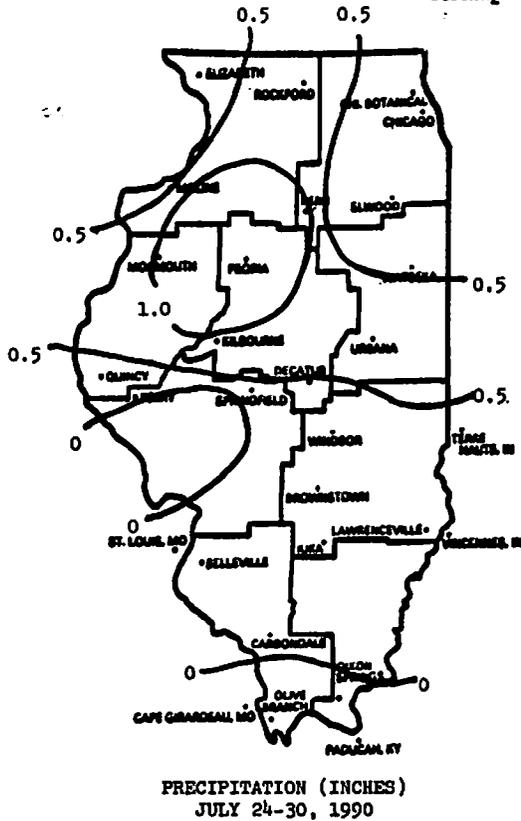
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CROP INFORMATION in this report is provided voluntarily by county officials of Extension Service and SCS, and agribusiness managers.